

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: James R. Keogh; Paul V. Trescony

Serial No.: To Be Assigned

Filed: July 15, 2003

Docket: P-8024.02 C2

Title: Method for Attachment of Biomolecules to Medical Device Surfaces

CERTIFICATE OF MAILING DATE OF DEPOSIT

7-15-03

I hereby certify that this paper is being deposited with the U.S. Postal Service, as First Class Mail, addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

Juanita I. Traufler

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Commissioner for Patents
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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. § 609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

The Examiner's attention is brought to Applicants' filed/granted U.S. Patent Applications USSN 09/257,543 filed February 24, 1999 and USPN 5,925,552 granted July 20, 1999, and the art cited therein.

Respectfully submitted,

Applicants

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PATENT TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: P-8024.00 CIP 1	Serial No.:09/067,188
	Applicant(s): Keogh et al.	
	Filing Date: April 27, 1998	Group: 1651

		Hoffman et al., "Covalent Binding of Biomolecules to Radiation-Grafted Hydrogels on Inert Polymer Surfaces," <u>Trans. Am. Soc. Artif. Intern. Organs</u> , 18, 10-18 (1972)
		Ito et al., "Materials for Enhancing Cell Adhesion by Immobilization of Cell-Adhesive Peptide," <u>J. Biomed. Mat. Res.</u> , 25, 1325-1337 (1991)
		Gott et al., "Heparin Binding On Colloidal Graphite Surfaces," <u>Science</u> 142, 1297-1298 (1963).
		Grode et al., "Nonthrombogenic Materials via a Simple Coating Process," <u>Trans. Amer. Soc. Artif. Intern. Organs</u> , 15, 1-6 (1969)
		Barbucce et al., "Surface-Grafted Heparinizable Materials," <u>Polymer</u> , 26, 1349-1352 (1985)
		Wirsen et al., "Bioactive heparin surfaces from derivatization of polyacrylamide-grafted LLDPE", <u>Biomaterials</u> , 17, 1881-1889 (1996)
		Sano et al., "Introduction of functional groups onto the surface of polyethylene for protein immobilization", <u>Biomaterials</u> , 14, 817-822 (1993)
		Fuller et al., "A new class of amino acid based sweeteners", <u>J. Am. Chem. Soc.</u> , 107, 5821-5822 (1985)
		Loudon et al., "Conversion of aliphatic amides into amines with [I,I-bis(trifluoroacetoxy)iodo]benzene. I. Scope of the reaction", <u>J. Org. Chem.</u> , 49, 4272-4276 (1984)
		<u>Comprehensive Organic Synthesis</u> , Volume 6, 800-806, Pergamon Press
		Kajigaeshi et al., "An efficient method for the Hofmann degradation of amides by use of benzyltrimethylammonium tribromide", <u>Chemistry Letters</u> , 463-464 (1989)
		Dickinson and Jacobsen, <u>Chem. Commun.</u> , 1719 (1970)
		O'Farrell, "High Resolution Two-dimensional Electrophoresis of Proteins", <u>J. Biol. Chem.</u> 250, 4007-4021 (1974)
		U.S. Patent Appln. Ser. No. 08/635,187 for "Oxidative Method of Attachment of Biomolecules to Surfaces of Medical Devices" to Keogh filed April 25, 1996 (P-2829.00)
		U.S. Patent Appln. Ser. No. 90/001,994 for "Oxidative Method for Attachment of Biomolecules to Medical Device Surfaces" to Keogh filed December 31, 1997 (P-2829 CIP 1)
		U.S. Patent Appln. Ser. No. 08/984,922 for "Oxidative Method for Attachment of Glycoproteins or Glycopeptides to Surfaces of Medical Devices" to Keogh filed December 4, 1997 (P-4706.05 CIP 1)
		U.S. Patent Appln. Ser. No. 08/694,535 for "Oxidative Method of Attachment of Glycoproteins to Surfaces of medical Devices" to Keogh filed August 9, 1996 (P-4706.00)
		U.S. Patent Appln. Ser. No. 09/012,056 for "A Method for Covalent Attachment of Biomolecules to Surfaces of medical Devices" to Keogh filed January 22, 1998 (P-7914.00)
		U.S. Patent Appln. Ser. No. 09/010,906 for "A Method for Ionic Attachment of Biomolecules to Surfaces of Medical Devices" to Keogh filed January 22, 1998 (P-7913.00)